

INTERNATIONAL SEARCH REPORT

International Application No

PCT/PT2004/000024

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A41D13/005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A41D H05B A62B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 148 002 A (KUO DAVID D. ET AL) 15 September 1992 (1992-09-15) column 5, line 31 - column 6, line 18; claim 1	1-5,7-9, 11
X	DE 197 45 889 A (WENZEL MARCUS) 1 April 1999 (1999-04-01) cited in the application claims 1,14; figure 10	1-5,7,11
A	US 2003/097845 A1 (JACOB JAMEY D. ET AL) 29 May 2003 (2003-05-29) claims 1,6,12,46-49	1-5,7,8, 11
A	US 6 005 222 A (HICKS STEWART) 21 December 1999 (1999-12-21) claims 1,2	1-4,11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

27/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 584 798 B2 (SCHEGERIN ROBERT) 1 July 2003 (2003-07-01) claim 1 -----	1,6

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inter-
national Application No
PCT/PT2004/000024

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5148002	A	15-09-1992	NONE	
DE 19745889	A	01-04-1999	DE 19745889 A1	01-04-1999
US 2003097845	A1	29-05-2003	CA 2468024 A1	05-06-2003
			EP 1461574 A1	29-09-2004
			WO 03046448 A1	05-06-2003
US 6005222	A	21-12-1999	NONE	
US 6584798	B2	13-02-2003	FR 2805338 A1	24-08-2001
			AU 3570101 A	27-08-2001
			CA 2406457 A1	23-08-2001
			WO 0161257 A1	23-08-2001
			US 2003029186 A1	13-02-2003